

**PLC-TF3****EP 1 043 866 A2****Arrangement for a data transmission in the home**

Via a communication system (PBX), which is connected to a communication network (KN) over a network connection device (N-AE). Further, the communication system (PBX) and at least one communication terminal device (KE-I1, KE-I2) is connected to the home low voltage network (NSL-IN). The communication system (PBX) and the communication terminal device (KE-I1, KE-I2) each have a connecting device (PLC-AE) for feeding data to be transmitted via the low voltage network (NSL-IN) into the low voltage network (NSL-IN) and for retrieving data transmitted via the low voltage network (NSL-IN) from the low voltage network (NSL-IN).

**PLC-TF 3: TB 3: TG 3: Document A3**

**EP 1 043 866 A2 (DE 199 15 859 A1)**

**Priority Date: 08.04.1999**

**Arrangement for home area data transmission**

**Independent Claim: (Translated from the German in EP 1 043 866 A2)**

Arrangement for data transmission with a communication system (PBX) in a home area (IH-B) for the connection of communication terminals (KE-I, KE-E),

characterised in that

the communication system (PBX) and at least one internal communication terminal (KE-I1, KEI2) are connected to a low voltage network (NSL-IN) for data communication in a home area (IH-B), and

the communication system (PBX) and the communication terminal (KE-I1, KE-I2) each have a connection device (PLC-AE) for feeding data to be transmitted via the low voltage network (NSL-IN) into the low voltage network (NSL-IN) and for reading out data transmitted via the low voltage network (NSL-IN) from the low voltage network (NSL-IN).

Method for use provided.